

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:) Title: **Method and Device for**
John D. Dobak, III et al.) **Performing Cooling-or**
) **Cryo-Therapies for, e.g.,**
) **Angioplasty with Reduced**
) **Restenosis or Pulmonary**
) **Vein Cell Necrosis to Inhibit**
) **Atrial Fibrillation**
Serial No.: Not Yet Known) Examiner: **Not Yet Known**
Filed: June 26, 2003) Group Art **3739**
) Unit:

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Divisional Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The following items are being submitted for this Information Disclosure Statement:

1. X Preliminary Statements
2. X FORM PTO - 1449

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June 26, 2003
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Brenda L. Godfrey
(Name of the Person Making the Deposit)

(Signature)

June 26, 2003
(Date of Signature)

1. Preliminary Statements

Applicants cite herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56. These citations have previously been submitted in a parent case, application serial number **09/787,599**, thus copies of these cited references are not included with this submission.

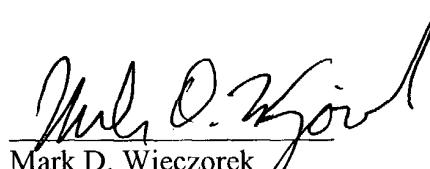
The filing of this information disclosure statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. No fee is believed to be due in connection with this submission as this Information Disclosure Statement is being filed within three (3) months of the application filing date or before receipt of the First Office Action.

No fee is believed due for this submission, however, if any fees are required, authorization is hereby given to the Commissioner for Patents to charge the same to Deposit Account No. 50-0914.

Date:

June 26, 2003


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Attorney for Applicants
Registration No. 37,966

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PTO/SB/08A (10-96)

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Patent and Trademark Office: U.S./DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	Not Yet Known
				Filing Date	June 26, 2003
				First Named Inventor	John D. Dobak, III
				Group Art Unit	3739
				Examiner Name	Not Yet Known
				Attorney Docket Number	103002
Sheet	1	of	21		

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	2,308,484		Auzin, et al.	01/19/1943	
	AB	2,374,609		McCollum	04/24/1945	
	AC	2,615,686		Davidson	10/28/1982	
	AD	2,672,032		Towse	03/16/1954	
	AE	2,913,009		Kuthe	11/17/1959	
	AF	3,228,400		Armao	01/11/1966	
	AG	3,298,371		A.S.J. Lee	01/17/1967	
	AH	3,369,549		Armao	02/20/1968	
	AJ	3,425,419		A.A. Dato	02/04/1969	
	AK	3,504,674		Swenson, et al.	04/07/1970	
	AM	3,786,814		Armao	01/22/1974	
	AL	3,859,986		Okada et al.	01/14/1975	
	AN	3,865,116		Brooks	02/11/1975	
	AI	3,867,294		Pall et al.	02/18/1975	
	AO	3,888,259		Miley	06/10/1975	
	AP	3,889,680		Armao	06/17/1975	
	AQ	3,971,383		Van Gerven	07/27/1976	
	AR	4,038,519		Foucras	07/26/1977	
	AS	4,153,048		Magrini	05/18/1979	
	AT	4,190,033		Foti	02/26/1980	
	AU	4,231,425		Engstrom	11/04/1980	
	AV	4,275,734		Mitchiner	06/30/1981	
	AW	4,298,006		Parks	11/03/1981	
	AX	4,318,722		Altman	03/09/1982	
	AY	4,427,009		Wells, et al.	01/24/1984	
	AZ	4,445,500		Osterholm	05/01/1984	
	BA	4,483,341		Witteles	11/20/1984	
	BB	4,502,286		Okada, et al.	03/05/1985	
	BC	4,569,355		Bitterly	02/11/1986	
	BD	4,581,017		Sahota	04/08/1986	
	BE	4,655,746		Daniels, et al.	04/07/1987	
	BF	4,672,962		Hershenson	06/16/1987	

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		Number	Kind Code ² (if known)			
	BG	4,748,979		Hershenson	06/07/1988	
	BH	4,750,493		Brader	06/14/1988	
	BI	4,762,130		Fogarty, et al.	08/09/1988	
	BJ	4,860,744		Johnson, et al.	08/29/1989	
	BK	4,883,455		Leonard	11/28/1989	
	BL	4,894,164		Polaschegg	01/16/1990	
	BM	4,904,237		Janese	02/27/1990	
	BN	4,920,963		Brader	05/01/1990	
	BO	4,964,409		Tremulis	10/23/1990	
	BP	5,014,695		Benak, et al.	05/14/1991	
	BQ	5,018,521		Campbell	95/28/1991	
	BR	5,019,075		Spears, et al.	05/28/1991	
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	BT	5,078,713		Varney	01/07/1992	
	BU	5,092,841		Spears	03/03/1992	
	BV	5,106,360		Ishwara, et al.	04/21/1992	
	BW	5,108,390		Potocky et al.	04/28/1992	
	BX	5,110,721		Anaise, et al.	05/05/1992	
	BY	5,117,822		Laghi	06/02/1992	
	BZ	5,147,355		Friedman et al.	09/15/1992	
	CA	5,149,321		Klatz, et al.	09/22/1992	
	CB	5,150,706		Cox, et al.	09/29/1992	
	CC	5,151,100		Abele, et al.	09/29/1992	
	CD	5,190,539		Fletcher, et al.	03/02/1993	
	CE	5,191,883		Lennox, et al.	03/09/1993	
	CF	5,196,024		Barath	03/23/1993	
	CG	5,211,631		Sheaff	05/18/1993	
	CH	5,234,405		Klatz, et al.	08/10/1993	
	CI	5,248,312		Langberg	09/28/1993	
	CJ	5,250,070		Parodi	10/05/1993	
	CK	5,257,977		Eshel	11/02/1993	
	CL	5,264,260		Saab	11/23/1993	

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		Number	Kind Code ² (if known)			
	CM	5,269,369		Faghri	12/14/1993	
	CN	5,269,749		Koturov	12/14/1993	
	CO	5,269,758		Taheri	12/14/1993	
	CP	5,281,213		Milder et al.	01/25/1994	
	CQ	5,281,215		Milder	01/25/1994	
	CR	5,306,261		Alliger et al.	04/26/1994	
	CS	5,310,440		Zingher	05/10/1994	
	CT	5,334,193		Nardella	08/02/1994	
	CU	5,342,301		Saab	08/30/1994	
	CV	5,344,436		Fontenot, et al.	09/06/1994	
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	CY	5,383,918		Panetta	01/24/1995	
	CZ	5,395,314		Klatz, et al.	03/07/1995	
	DA	5,395,331		O'Neill, et al.	03/07/1995	
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	DC	5,417,686		Peterson, et al.	05/23/1995	
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	DE	5,423,807		Milder	06/13/1995	
	DF	5,433,740		Yamaguchi	07/18/1995	
	DG	5,437,673		Baust, et al.	08/01/1995	
	DH	5,462,521		Brucker, et al.	10/31/1995	
	DI	5,486,204		Clifton	01/23/1996	
	DJ	5,486,208		Ginsburg	01/23/1996	
	DK	5,531,776		Ward, et al.	07/02/1996	
	DL	5,558,644		Boyd, et al.	09/24/1996	
	DM	5,573,532		Chang, et al.	11/12/1996	
	DN	5,584,804		Klatz, et al.	12/17/1996	
	DO	5,588,438		McKown, et al.	12/31/1996	
	DP	5,591,162		Fletcher, et al.	01/07/1997	
	DQ	5,620,480		Rudie	04/15/1997	
	DR	5,624,392		Saab	04/29/1997	

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		Number	Kind Code ² (if known)			
DS	5,647,051			Neer	07/08/1997	
DT	5,713,941			Robins, et al.	02/03/1998	
DU	5,716,386			Ward, et al.	02/10/1998	
DV	5,735,809			Gorsuch	04/07/1998	
DW	5,797,878			Bleam	08/25/1998	
DX	5,800,480			Augustine, et al.	09/01/1998	
DY	5,807,391			Wijkamp	09/15/1998	
DZ	5,824,030			Yang, et al.	10/20/1998	
EA	5,827,222			Klatz, et al.	10/27/1998	
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EC	5,833,671			Macoviak, et al.	11/10/1998	
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EF	5,873,835			Hastings, et al.	02/23/1999	
EG	5,879,329			Ginsburg	03/09/1999	
EH	5,899,899			Arless, et al.	05/04/1999	
EI	5,902,268			Saab	05/11/1999	
EJ	5,913,885			Klatz, et al.	06/22/1999	
EK	5,913,886			Soloman	06/22/1999	
EL	5,916,242			Schwartz	06/29/1999	
EM	5,971,979			Joye et al.	10/26/1999	
EO	5,989,238			Ginsburg	11/23/1999	
EP	6,012,457			Lesh	01/11/2000	
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EQ	6,024,740			Lesh et al.	02/15/2000	
ER	6,033,383			Ginsburg	03/07/2000	
ES	6,110,168			Ginsburg	08/29/2000	

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		Office ³	Number ⁴				
ET		0 664 990		EPO	11/19/1997		
EU		2 447 406		France	03/06/1980		
EV		EP0655225 A1		Europe	05/31/1993		
EW		SU 806 029		Russia	02/23/1981		
EX		WO 91/05528		PCT	05/02/1991		
EY		WO 93/04727		PCT	03/18/1993		
EZ		WO 95/01814		PCT	01/19/1995		
FA		WO 96/40347		PCT	12/19/1996		
FB		WO 97/01374		PCT	01/16/1997		
FC		WO 97/25011		PCT	07/17/1997		
FD		WO 98/26831		PCT	06/25/1998		
FE		WO 98/31312		PCT	07/23/1998		
FF		WO 98/49957		PCT	11/12/1998		
FG		WO 99/02096		PCT	01/21/1999		
FH		WO 99/27862		PCT	06/10/1999		
FI		WO 99/44519		PCT	10/09/1999		
FJ		WO 99/56812		PCT	11/11/1999		
FK		WO 00/09054		PCT	02/24/2000		
FL		WO 00/10494		PCT	03/02/2000		
FM		WO 00/38601		PCT	07/06/2000		
FN		WO 00/47145		PCT	08/17/2000		
FO		WO 00/48760		PCT	08/24/2000		

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OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	FP	Ambrus; <i>The Biphasic Nature and Temperature Dependence of the Activation of Human Plasminogen by Urokinase</i> ; 05/1979; pp. 339-347; Research Communications in Chemical Pathology and Pharmacology, Vol. 24, No. 2.			
	FQ	Arless, S. G., <i>CryoCath Completes a Third Round Private Placement for CDN\$10 Million</i> , April 7, 1999, Kirkland, Quebec, Press Release.			
	FR	Arless, S. G., <i>CryoCath Technologies, Inc.</i> , 10/1999, press release.			
	FS	Asbach, H. W. et al., <i>The Effects of Extreme Cold on Major Blood Vessels; An Experimental Study</i> (abs.), <i>Urologe A.</i> , 05/1975, Vol. 14, No. 3, pp. 150-3.			
	FT	ATRIONIX (Palo Alto, CA), <i>AF Ablation and Monitoring</i> , http://www.medicaldata.com/members/MPM/3-2000/0300-3.asp , April 19, 2000.			
	FU	Bigelo; <i>Hypothermia, Its Possible Role in Cardiac Surgery</i> ; 11/1959; pp. 849-866; <i>Annals of Surgery</i> , Vol. 132, No. 5.			
	FV	Bokeriia, A. A. et al., <i>Cryogenic Effect on the coronary Arteries in Animal Experiments</i> (abs.), <i>Biull. Eksp. Biol. Med.</i> , 06/1988, Vol. 105, Nov. 6, pp. 741-3.			
	FW	Cheatle; <i>Cryostripping the Long and Short Saphenous Veins</i> ; 01/1993; one page; <i>Br. J. Surg.</i> , Vol. 80.			
	FX	CryoCath Technologies Inc.: The hottest new technology in ablation is cold, press brochure, Kirkland, Quebec, Canada.			
	FY	CryoCath Technologies, Inc., <i>Affairs of the Heart</i> , <i>The Gazette</i> , Montreal, February 16, 1998.			
	FZ	Dexter; <i>Blood Warms as It Flows Retrograde from a Femoral Cannulation Site to the Carotid Artery During Cardiopulmonary Bypass</i> ; 11/1994; pp. 393-397; <i>Perfusion</i> , Vol. 9, No. 6.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Not Yet Known
				Filing Date	June 26, 2003
				First Named Inventor	John D. Dobak, III
				Group Art Unit	3739
				Examiner Name	Not Yet Known
Sheet	7	of	21	Attorney Docket Number	103002

OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	GA	Dorval, J-F et al. <i>Induction of Extracellular Matrix Expression in the Arterial Wall after the Application of Cryotherapy in a Porcine PTCA Model</i> , ACC Meeting, 03/2000, No. 1131–116.
	GB	Dubuc, M. et al. <i>Catheter Cryoablation: A Novel Technology for Ablation of Cardiac Arrhythmias</i> , presented at AHA, November 1996.
	GC	Dubuc, M. et al. <i>Feasibility of Cardiac Cryoablation Using a Transvenous Steerable Electrode Catheter</i> , reprint Journal of Interventional Electrophysiology, Vol. 2, No. 3, Kluwer Academic Publishers, 1998, Vol. 2, pp. 285–292.
	GD	Dubuc, M. et al. <i>Reversible Electrophysiologic Effects Using Ice Mapping with a Cryoablation Catheter</i> , Montreal, Quebec, Canada, Brigham and Women's Hospital, Boston, MA, presented at NSPE, May 1997.
	GE	Dubuc, M. et al. <i>Transvenous Catheter Ice Mapping and Cryoablation of the Atrioventricular Node in Dogs</i> , October 1999, P.A.C.E., Vol. 22, No. 10, pp. 1488–1498.
	GF	Ducharme, A. et al. <i>Intracardiac Echocardiography Monitoring of Catheter Cryoablation</i> , presented at AHA, November 1998.
	GG	Gillinov; <i>Superior Cerebral Protection with Profound Hypothermia During Circulatory Arrest</i> ; 11/1992; pp.1432-1439; Ann. Thorac. Surg., Vol. 55.
	GH	Haines, N. S., <i>Biophysics and Pathology of Catheter Energy Delivery Systems</i> (abs.), Prog. Cardiovasc. Dis., 01-02/1995, Vol. 37, No. 4, pp. 185–204.
	GI	Higazi; <i>The Effect of Ultrasonic Irradiation and Temperature on Fibrinolytic Activity in Vitro</i> ; 08/1992; p. 251-253; Thrombosis Research, Vol. 69, No. 2.
	GJ	Imamaki; <i>Retrograde Cerebral Perfusion with Hypothermic Blood Provides Efficient Protection of the Brain</i> ; 07/1995; pp. 325-333; Journal of Cardiac Surgery, Vol. 10, No. 4, Part 1.

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	GK	Jolin; <i>Management of a Giant Intracranial Aneurysm Using Surface-Heparinized Extracorporeal Circulation and Controlled Deep Hypothermic Low Flow Perfusion</i> ; 08/1992; pp. 756-760; <i>Acta Anaesthesiologica Scandinavia</i> .			T ²
	GL	Jos, R.C. Jansen, Ph.D., et al. (1997) <i>Near Continuous Cardiac Output by Thermodilution</i> . <i>Journal of Clinical Monitoring</i> 13:233-239.			
	GM	Keane, D. et al. <i>Percutaneous Cryothermal Catheter Ablation for the Creation of Linear Atrial Lesions</i> , Massachusetts General Hospital, Boston, MA, presented at NASPE, May 1999.			
	GN	Kimoto; <i>Open Heart Surgery under Direct Vision with the Aid of Brain-Cooling by Irrigation</i> ; 07/1955; pp.592-603; <i>Surgery</i> , vol. 39, No. 4.			
	GO	Ladd, A. P. et al. <i>Cryosurgical Effects on Growing Vessels (abs.)</i> , <i>Am Surg.</i> 07/1999, Vol. 65, No. 7, pp. 677-82.			
	GP	Lustgarten, D. L. et al. (1999), <i>Cryothermal Ablation: Mechanism of Tissue Injury and Current Experience in the Treatment of Tachyarrhythmias</i> , 47(6):481-498.			
	GQ	Marekovic, Z.; <i>Abstract of Renal Hypothermia in Situ by Venous Passages: Experimental Work on Dogs</i> ; 1980; <i>Eur Urol</i> 6(2); 1 page.			
	GR	Marsland, A. R. et al., <i>Cryogenic Damage to Peripheral Nerves and Blood Vessels in the Rat</i> , <i>Br. J. Anaesth.</i> , 06/1983, Vol. 55, No. 6, pp. 555-8.			
	GS	Meden; <i>Effect of Hypothermia and Delayed Thrombolysis in a Rat Embolic Stroke Model</i> ; 12/1993; pp. 91-98; <i>Acta Neurologica Scandinavica</i> .			
	GT	Meden; <i>The Influence of Body Temperature on Infarct Volume and Thrombolytic Therapy in a Rat Embolic Stroke Model</i> ; 02/1994; pp. 131-138; <i>Brain Research</i> , Vol. 647.			
	GU	Milleret, Rene; <i>La cryo-chirurgie danes les varices des membres inferieurs</i> ; <i>Angiologie</i> ; Supplement au no. 110.			

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	GV	Milleret; <i>Abstract of Cryosclerosis of the Saphenous Veins in Varicose Reflux in the Obese and Elderly</i> ; 10.1981; one page; <i>Phlebologie</i> , Vol. 34, No. 4.
	GW	Parkins; <i>Brain Cooling in the Prevention of Brain Damage During Periods of Circulatory Occlusion in Dogs</i> ; 04/1954; pp.284-289; <i>Annals of Surgery</i> , Vol. 140, No. 3.
	GX	Pham, I. et al., <i>Adenovirus Mediated Atrial Natriuretic Peptide Gene Transfer in Rat Pulmonary Vascular Smooth Muscle Cells Leads to Inhibition of Cell Growth and Apoptosis</i> , Section on: <i>Therapeutic Strategies in Vascular Remodeling</i> , AHA Meeting, November 1998, Dallas, Texas, No. 3544.
	GY	Piepgras; <i>Rapid Active Internal Core Cooling for Induction of Moderate Hypothermia in Head Injury by Use of an Extracorporeal Heat Exchanger</i> , 02/1998; pp. 311-318; <i>Neurosurgery</i> , Vol. 42, No. 2.
	GZ	Plattner, O. et al. <i>Efficacy of Intraoperative Cooling Methods</i> , 1997, <i>Anesthesiology</i> , November, Vol. 87, No. 5, pp. 1089-1095.
	HA	Rijken; <i>Plasminogen Activation at Low Temperatures in Plasma Samples Containing Therapeutic Concentrations of Tissue-Type Plasminogen Activator or Other Thrombolytic Agents</i> ; 10/1989; pp.47-52; place of publication unknown.
	HB	Schwartz, A. E. et al.; (1996); <i>Isolated cerebral hypothermia by single carotid artery perfusion of extracorporeally cooled blood in baboons</i> ; <i>Neurosurgery</i> 39(3):577-582.
	HC	Schwartz; <i>Cerebral Blood Flow during Low-flow Hypothermic Cardiopulmonary Bypass in Baboons</i> ; 06/1994; pp. 959-964; <i>Anesthesiology</i> , Vol. 81, No.4.
	HD	Schwartz; <i>Selective Cerebral Hypothermia by Means of Transfemoral Internal Carotid Artery Catheterization</i> ; 05/1996; pp.571-572; <i>Radiology</i> , Vol. 201, No. 2.
	HE	Steen; <i>The Detrimental Effects of Prolonged Hypothermia and Rewarming in the Dog</i> ; 08/1979 ;pp. 224-230; <i>Anesthesiology</i> , Vol. 52, No. 3.

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	HF	Tanguay, J.-F., <i>A New Cryotherapy Catheter to Prevent Restenosis (abs.)</i> , 11 th Transcatheter Cardiovascular Therapeutics, 09/1999.
	HG	Tanguay, J-F et al. <i>A New Cryocatheter Treatment Improves Vascular Remodeling after Angioplasty</i> , presented at AHA, November 1998.
	HH	Tanguay, J-F et al., <i>A New Cryocatheter Treatment Improves Vascular Remodeling after Angioplasty</i> , Section on Therapeutic Strategies in Vascular Remodeling, AHA Meeting, November 1998, Dallas, Texas, No. 3543.
	HI	Vandam; <i>Hypothermia</i> ; 09/1959; pp.546-553; The New England Journal of Medicine.
	HJ	White; <i>Cerebral Hypothermia and Circulatory Arrest</i> ; 07/1978; pp.450-458; Mayo Clinic Proceedings, Vol. 53.
	HK	Yenari; <i>Thrombolysis with Tissue Plasminogen Activator (TPA) is Temperature Dependent</i> ; 07/1994; pp.475-481; Thrombosis Research, vol. 77, No.5.
	HL	Yoshihara; <i>Changes in Coagulation and Fibrinolysis Occurring in Dogs during Hypothermia</i> ; 08/1984; pp.503-512; Thrombosis Research, Vol. 37, No. 4.
	HM	Zarins; <i>Circulation in Profound Hypothermia</i> ; 11/1972; pp. 97-104; Journal of Surgical Research, Vol. 14, No. 2.

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		Number	Kind Code ² (if known)			
HN	RE 33,911			Wilfred J. Samson, et al.	05-05-1992	
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HQ	5,957,963			John D. Dobak, III	09-28-1999	
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HU	4,762,129			Bonzel	8/9/1988	
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HX	5,588,438			McKown et al.	12/31/1996	
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IB	5,337,734			Saab	8/16/1994	
IC	5,358,486			Saab	10/25/1994	
ID	5,385,148			Lesh, et al.	1/31/1995	
IE	5,411,477			Saab	5/2/1995	
IF	5,443,781			Saab	8/22/1995	
IG	5,499,973			Saab	3/19/1996	
IH	5,569,195			Saab	10/29/1996	
II	5,676,693			LaFontaine	10/14/1997	
IJ	5,733,319			Neilson, et al.	3/31/1998	
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IL	5,868,735			LaFontaine	2/9/1999	
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IQ	6,004,289			Saab	12/21/1999	
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IS	6,106,518			Wittenberger, et al.	8/22/2000	
IT	6,117,101			Diederich, et al.	9/12/2000	
IU	6,164,283			Lesh	12/26/2000	
IV	6,235,019			Lehmann, et al.	5/22/2001	

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		Number	Kind Code ² (if known)			
	IW	6,241,718		Arless, et al.	6/05/2001	
	IX	3,125,096		Antiles et al.	03/17/1964	
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	JF	4,781,799		Herbert, Jr. et al.	11/01/1988	
	JG	4,951,677		Crowley et al.	08/28/1990	
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	KF	5,820,593		Safar et al.	10/13/1998	
	KG	5,827,269		Saadat	10/27/1998	

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	KH	5,861,021		Thome	01/19/1999	
	KI	5,879,316		Safar et al.	03/09/1999	
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	KL	5,906,594		Scarfone et al.	05/25/1999	
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	KN	5,913,856		Chia et al.	06/22/1999	
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	LI	6,213,126		Lafontaine et al.	04/10/2001	
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	LM	6,231,594		Dae	05/15/2001	
	LN	6,231,595		Dobak, III	05/15/2001	
	LO	6,235,018		Lepivert	05/22/2001	
	LP	6,235,019		Lehmann et al.	05/22/2001	
	LQ	6,235,048		Dobak, III	05/22/2001	
	LR	6,238,428		Werneth, et al.	05/29/2001	
	LS	6,241,722		Dobak et al.	06/05/2001	

Examiner Signature	Date Considered
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Not Yet Known
(use as many sheets as necessary)				Filing Date	June 26, 2003
Sheet	14	of	21	First Named Inventor	John D. Dobak, III
				Group Art Unit	3739
				Examiner Name	Not Yet Known
				Attorney Docket Number	103002

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	LT	6,245,095		Dobak, III, et al.	06/12/2001	
	LU	6,248,057		Mavity et al.	06/19/2001	
	LV	6,251,093		Valley et al.	06/26/2001	
	LW	6,251,129		Dobak, III, et al.	06/26/2001	
	LX	6,251,130		Dobak, III, et al.	06/26/2001	
	LY	6,253,769		LaFontaine, et al.	07/03/2001	
	LZ	6,254,588		Jones, et al.	07/03/2001	
	MA	6,254,626		Dobak, III, et al.	07/03/2001	
	MB	6,261,312		Dobak, III, et al.	07/17/2001	
	MC	6,264,679		Keller, et al.	07/24/2001	
	MD	6,267,747		Samson, et al.	07/31/2001	
	ME	6,270,476		Santoianni et al.	08/07/2001	
	MF	6,270,493		Lalonde, et al.	08/07/2001	
	MG	6,270,494		Kovalcheck et al.	08/07/2001	
	MH	6,287,326		Pecor	09/11/2000	
	MI	6,290,674		Roue et al.	09/18/2001	
	MJ	6,290,696		LaFontaine	09/18/2001	
	MK	6,290,697		Tu, et al.	09/18/2001	
	ML	6,290,717		Phillips	09/18/2001	
	MM	6,295,990		Lewis et al.	10/02/2001	
	MN	6,296,654		Ward	10/02/2001	
	MO	6,299,599		Pham	10/09/2001	
	MP	6,305,378		Lesh	10/23/2001	
	MQ	6,306,161		Ginsburg	10/23/2001	
	MR	6,312,452		Dobak, III, et al.	11/06/ 2001	
	MS	6,325,818		Werneth	12/04/2001	
	MT	6,338,727		Noda et al.	01/15/2002	
	MU	6,364,899		Dobak, III	04/02/2002	
	MV	6,368,304		Alberto et al.	04/09/2002	
	MW	6,383,151		Diederich et al.	05/07/2002	
	MX	6,383,180		Lalonde et al.	05/07/2002	
	MY	6,391,224		Wowk	05/21/2002	
	MZ	4,747,826		Sassano	05/31/1988	
	NA	6,393,320		Lasersohn et al.	05/21/2002	
	NB	20010001830		Dobak, III, et al.	05/24/2001	
	NC	20010001831		Dobak, III, et al.	05/24/2001	
	ND	20010001832		Dobak, III, et al.	05/24/2001	
	NE	20010002442		Dobak, III	05/31/2001	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Not Yet Known
Sheet	15	of	21	Filing Date	June 26, 2003
				First Named Inventor	John D. Dobak, III
				Group Art Unit	3739
				Examiner Name	Not Yet Known
				Attorney Docket Number	103002

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
	NF	20010005791		Ginsburg, et al.	06/28/2001	
	NG	20010007927		Koblish, et al.	07/12/2001	
	NH	20010007951		Dobak, III	07/12/2001	
	NI	20010008975		Dobak, III, et al.	07/19/2001	
	NJ	20010010011		Aliberto, et al.	07/26/2001	
	NK	20010011184		Dobak, III, et al.	08/02/2001	
	NL	20010011185		Dobak, III, et al.	08/02/2001	
	NM	20010014802		Tu	08/16/2001	
	NN	20010016763		Lasheras, et al.	08/23/2001	
	NO	20010016764		Dobak, III	08/23/2001	
	NP	20010021865		Dobak, III, et al.	09/13/2001	
	NQ	20010021866		Dobak, III, et al.	09/13/2001	
	NR	20010029394		Dobak, III, et al.	10/11/2001	
	NS	20010031946		Walker et al.	10/18/2001	
	NT	20010032004		Werneth	10/18/2001	
	NU	20010039440		Lasheras, et al.	11/08/2001	
	NV	20010041923		Dobak, III	11/15/2001	
	NW	20010044644		Keller, et al.	11/22/2001	
	NX	20010047191		Lasersohn et al.	11/29/2001	
	NY	20010047192		Lasersohn et al.	11/29/2001	
	NZ	20010047196		Ginsburg, et al.	11/29/2001	
	OA	20010049545		Lasersohn, et al.	12/06/2001	
	OB	20020002394		Dobak, III	01/03/2002	
	OC	20020007179		Dobak, III et al.	01/17/2002	
	OD	20020007202		Dobak, III et al.	01/17/2002	
	OE	20020007203		Gilmartin et al.	01/17/2002	
	OF	20020022823		Luo et al.	02/21/2002	
	OG	20020026227		Philips	02/28/2002	
	OH	20020029016		Pham et al.	03/07/2002	
	OI	20020032430		Luo et al.	03/14/2002	
	OJ	20020032438		Lafontaine	03/14/2002	
	OK	20020032474		Dobak, III et al.	03/14/2002	
	OL	20020049409		Noda et al.	04/25/2002	
	OM	20020049410		Noda et al.	04/25/2002	
	ON	6,245,064		Lesh, et al.	6/12/2001	
	OO	5,800,488		Crockett	09/01/98	
	OP	5,967,976		Larsen, et al.	10/19/99	
	OQ	5,630,837		Crowley	5/20/1997	

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Sheet	16	of	21	Application Number	Not Yet Known
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				First Named Inventor	John D. Dobak, III
				Group Art Unit	3739
				Examiner Name	Not Yet Known
				Attorney Docket Number	103002

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		Number	Kind Code ² (if known)			
OR	3,604,419			Diskin, et al.	09/14/1971	
OS	4,160,455			Law	07/10/1979	
OT	4,464,172			Lichtenstein	08/07/1984	
OU	5,236,908			Gruber et al.	08/17/1993	
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OZ	6,011,995			Guglielmi et al.	01/04/2000	
PA	6,206,004			Schmidt et al.	03/27/2001	
PB	6,364,899			Dobak, III	04/02/2002	
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PK	6,432,124			Worthen et al.	08/13/2002	
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PM	20010032003			Pecor	10/18/2001	
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PP	20020040717			Dobak III	04/11/2002	
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PW	20020077680			Noda	06/20/2002	
PX	20020082671			Magers et al.	06/27/2002	
PY	20020091378			Dobak III et al.	07/11/2002	
PZ	20020091429			Dobak III et al.	07/11/2002	
QA	20020091430			Dobak III et al.	07/11/2002	
QB	20020095200			Dobak III et al.	07/18/2002	
QC	20020095201			Worthen et al.	07/18/2002	

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				First Named Inventor	John D. Dobak, III
				Group Art Unit	3739
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Sheet	17	of	21	Attorney Docket Number	103002

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		Number	Kind Code ² (if known)			
QD	20020099364			LaLonde	07/25/2002	
QE	20020099427			Dobak III	07/25/2002	
QF	20020103519			Dobak III et al.	08/01/2002	
QG	20020111616			Dae et al.	08/15/2002	
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RC	20020068901			Werneth	06/06/2002	
RD	20020082595			Langberg et al.	06/27/2002	
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RG	20020120314			Evans et al.	08/29/2002	

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		Office ³	Number ⁴			
RH	WO	WO 99/37226		Del Mar Medical Technologies	07-29-1999	
RI	WO	WO 99/48449		Del Mar Medical Technologies	09-30-1999	
RJ	WO	WO 99/66970		Del Mar Medical Technologies	12-29-2000	
RK	WO	WO 99/66971		Del Mar Medical Technologies	12-29-1999	
RL	WO	WO 00/48670		Alsius Corporation	08-24-2000	
RM	WO	WO 91/17788		Saab, Mark A.	11-28-1991	
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RO	WO	WO 96/10367		The Regents of the University of California	04-11-1996	
RP	WO	WO 98/37822		Cryocath Technologies	09-03-1998	
RQ	WO	WO 98/49957		The Regents of the University of California	11-12-1998	
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RS	WO	WO 99/52455		Cryocath Technologies	10-21-1999	
RT	WO	WO 00/32126		Cryocath Technologies	06-08-2000	
RU	WO	WO 00/42931		Cryocath Technologies	07-27-2000	
RV	WO	WO 00/42932		Cryocath Technologies	07-27-2000	
RW	WO	WO 00/42933		Cryocath Technologies	07-27-2000	
RX	WO	WO 00/51511		Atrionix, Inc.	09-08-2000	
RY	WO	WO 00/51683		Atrionix, Inc.	09-08-2000	
RZ	WO	WO 00/56237		Atrionix, Inc.	09-28-2000	
SA	WO	WO 00/59390		Cryocath Technologies	10-12-2000	
SB	WO	WO 00/76570		Cryocath Technologies	12-21-2000	
SC	WO	WO 01/13809		Radiant Medical, Inc.	03-01-2001	
SD	WO	WO 00/67656		Atrionix, Inc.	11-16-2000	
SE	WO	WO 00/67830		Atrionix, Inc.	11-16-2000	
SF	WO	WO 00/67832		Atrionix, Inc.	11-16-2000	
SG	WO	WO 00/67648		Atrionix, Inc.	11-16-2000	
SH	WO	WO 01/37919		Cryocath Technologies	05/31/2001	
SI	AU	AU 730835 B2		Radiant Medical, Inc.	08/01/1997	
SJ	AU	AU 734506 C		Innercool Therapies, Inc.	10/18/1999	
SK	AU	AU 737433 B2		CryoGen, Inc.	02/10/1999	
SL	AU	AU 739996 B2		Innercool Therapies, Inc.	08/09/1999	
SM	AU	AU 743945 B2		Radiant Medical, Inc.	08/07/1998	
SN	AU	AU685559B2		Boaz	01/22/1998	
SO	CA	CA2177982A		Boaz	06/08/1995	
SP	CN	CN1082382A		Boaz	02/23/1994	

Examiner Signature		Date Considered
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		Office ³	Number ⁴			
SQ	WO	WO 94/16760		Alliger et al.	08/04/1994	
SR	WO	WO 95/15115		Boaz Avitall	06/08/1995	
SS	WO	WO 98/38934		Scimed Life Systems, Inc.	09/11/1998	
ST	WO	WO 99/04211		Cryogen, Inc.	01/28/1999	
SU	WO	WO 00/51534		Alsius Corporation	09/08/2000	
SV	WO	WO 00/53135		Alsius Corporation	09/14/2000	
SW	WO	WO 00/57823		Alsius Corporation	10/05/2000	
SX	WO	WO 00/62837		Alsius Corporation	10/26/2000	
SY	WO	WO 00/66053		Alsius Corporation	11/09/2000	
SZ	WO	WO 00/72779		Alsius Corporation	12/07/2000	
TA	WO	WO 00/72787		Alsius Corporation	12/07/2000	
TB	WO	WO 01/03606		Alsius Corporation	01/18/2001	
TC	WO	WO 01/08580		Alsius Corporation	02/02/2001	
TD	WO	WO 01/10323		Radiant Medical, Inc.	02/15/2001	
TE	WO	WO 01/10365		Innercool Therapies, Inc.	02/15/2001	
TF	WO	WO 01/12061		Alsius Corporation	02/22/2001	
TG	WO	WO 01/12122		Alsius Corporation	02/22/2001	
TH	WO	WO 01/13837		Innercool Therapies, Inc.	03/01/2001	
TI	WO	WO 01/17471		Alsius Corporation	03/15/2001	
TJ	WO	WO 01/19447		Alsius Corporation	03/22/2001	
TK	WO	WO 01/26590		Innercool Therapies, Inc.	04/19/2001	
TL	WO	WO 01/30413		Alsius Corporation	05/03/2001	
TM	WO	WO 01/34225		Neuron Therapeutics, Inc.	05/17/2001	
TN	WO	WO 01/37919		Cryocath Technologies, Inc.	05/31/2001	
TO	WO	WO 01/41664		Cryocath Technologies, Inc.	06/14/2001	
TP	WO	WO 01/41708		Alsius Corporation	06/14/2001	
TQ	WO	WO 01/43661		Radiant Medical, Inc.	06/21/2001	
TR	WO	WO 00/48670		Alsius Corporation	08/24/2000	
TS	WO	WO 01/49236		Alsius Corporation	07/12/2001	
TT	WO	WO 01/52781		Radiant Medical, Inc.	07/26/2001	
TU	WO	WO 01/54618		Mitralife	08/02/2001	
TV	WO	WO 01/54764		Innerdyne, Inc.	08/02/2001	
TW	WO	WO 01/56517		Alsius Corporation	08/09/2001	
TX	WO	WO 01/58397		Radiant Medical, Inc.	08/16/2001	
TY	WO	WO 01/64145		Innercool Therapies, Inc.	09/07/2001	
TZ	WO	WO 01/64146		Radiant Medical, Inc.	09/07/2001	
UA	WO	WO 01/66052		Innercool Therapies, Inc.	09/13/2001	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Not Yet Known
(use as many sheets as necessary)				Filing Date	June 26, 2003
Sheet	20	of	21	First Named Inventor	John D. Dobak, III
				Group Art Unit	3739
				Examiner Name	Not Yet Known
				Attorney Docket Number	103002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
UB	WO	WO 01/74276		Innercool Therapies, Inc.	10/11/2001	
UC	WO	WO 01/76655		Innercool Therapies, Inc.	10/18/2001	
UD	WO	WO 01/78580		Innercool Therapies, Inc.	10/25/2001	
UE	WO	WO 01/87379		Innercool Therapies, Inc.	11/22/2001	
UF	WO	WO 01/95840		Innercool Therapies, Inc.	12/20/2001	
UG	WO	WO 01/41664		Cryocath Technologies	06/14/2001	
UH	EP	EP1205167A2		Alsius Corporation	05/15/2002	
UI	WO	WO 02/07793		Radiant Medical	01/31/2002	
UJ	WO	WO 02/26175		Alsius Corporation	04/04/2002	
UK	WO	WO 02/26176		Alsius Corporation	04/04/2002	
UL	WO	WO 02/26285		Alsius Corporation	04/04/2002	
UM	WO	WO 02/26307		Alsius Corporation	04/04/2002	
UN	WO	WO 02/28300		Alsius Corporation	04/11/2002	
UO	WO	WO 02/36180		Alsius Corporation	05/10/2002	
UP	WO	WO 02/38091		Innercool Therapies	05/16/2002	
UQ	WO	WO 02/43577		Alsius Corporation	06/06/2002	
UR	WO	WO 02/47577		Alsius Corporation	06/20/2002	
US	WO	WO 02/47742		Alsius Corporation	06/20/2002	
UT	WO	WO 02/055129		Innercool Therapies	07/18/2002	
UU	WO	WO 02/056938		Alsius Corporation	07/25/2002	
UV	WO	WO 02/058606		Alsius Corporation	08/01/2002	
UW	WO	WO 02/060514		Innercool Therapies	08/08/2002	
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UZ	WO	WO 01/95820		Atrionix, Inc.	12/20/2001	
VA	WO	WO 02/00128		Cryocath Technologies, Inc.	01/03/2002	
VB	WO	WO 02/058576		Cryocath Technologies, Inc.	08/01/2002	
VC	WO	WO 02/065941		Radiant Medical, Inc.	08/29/2002	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Not Yet Known
				Filing Date	June 26, 2003
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				Group Art Unit	3739
				Examiner Name	Not Yet Known
Sheet	21	of	21	Attorney Docket Number	103002

OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	VD	Thibault, B., C. Villemaire, M. Talajic, D. Roy, S. Nattel, T. Ki Leung, M. Dubuc, "Catheter Cryoablation is a More Effective and Potentially Safer Method to Create Atrial Conduction Block: Comparison with Radiofrequency Ablation," <i>NASPE Abstracts</i> , April 1998, Part II, <i>PACE</i> , V. 21(620):944.
	VE	Dubuc, M., M. Talajic, D. Roy, B. Thibault, T. Ki Leung, K. Spector, P. L. Friedman, "Catheter Cryoablation: a Novel Technology for Ablation of Cardiac Arrhythmias," <i>Abstracts from the 69th Scientific Sessions</i> , No. 3259, I-557.
	VF	Ducharme, A., J-C. Tardif, D. Roy, B. Thibault, M. Talajic, M. Dubuc, "Intracardiac Echocardiography Monitoring of Catheter Cryoablation," <i>Abstracts from the 71st Scientific Sessions</i> , No. 2300, I-437.
	VG	Thibault, Bernard; <i>NASPE Abstracts</i> ; "Catheter Cryoablation is a More Effective and Potentially Safer Method to Create Atrial Conduction Block: Comparison with Radiofrequency Ablation"; Volume 21; Page 944 (April 1998, Part II)
	VH	Colvett, K. T. et al. "Opportunities with Combined Modality Therapy for Selective Organ Preservation in Muscle-Invasive Bladder Cancer," May 1996, <i>Journ. Surg. Oncology</i> 63:202-201.
	VI	Hayes et al. "Temperature control in extracorporeal circulation," Aug. 17, 1968, <i>Brit. Med. J.</i> 2(615):430.
	VJ	Mass, C. et al. "Intermittent Antegrade/Selective Cerebral Perfusion during Circulatory Arrest for Repair of the Aortic Arch," 1997, <i>Perfusion</i> , 12:127-132.

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